Stereo Matching

Basic Stereo AI

each epipolar line ① pixel

$\longleftrightarrow$

② minimum cost

PSM Net

Cost Volume   (x, y) : pixel   d: disparity   f: feature size

$$F(x, y, d, f) \text{ "Cost"}$$

Steps

① Feature Extraction

② Construct cost Volumn

③ cost

④ Disparity